

FIG. 1A

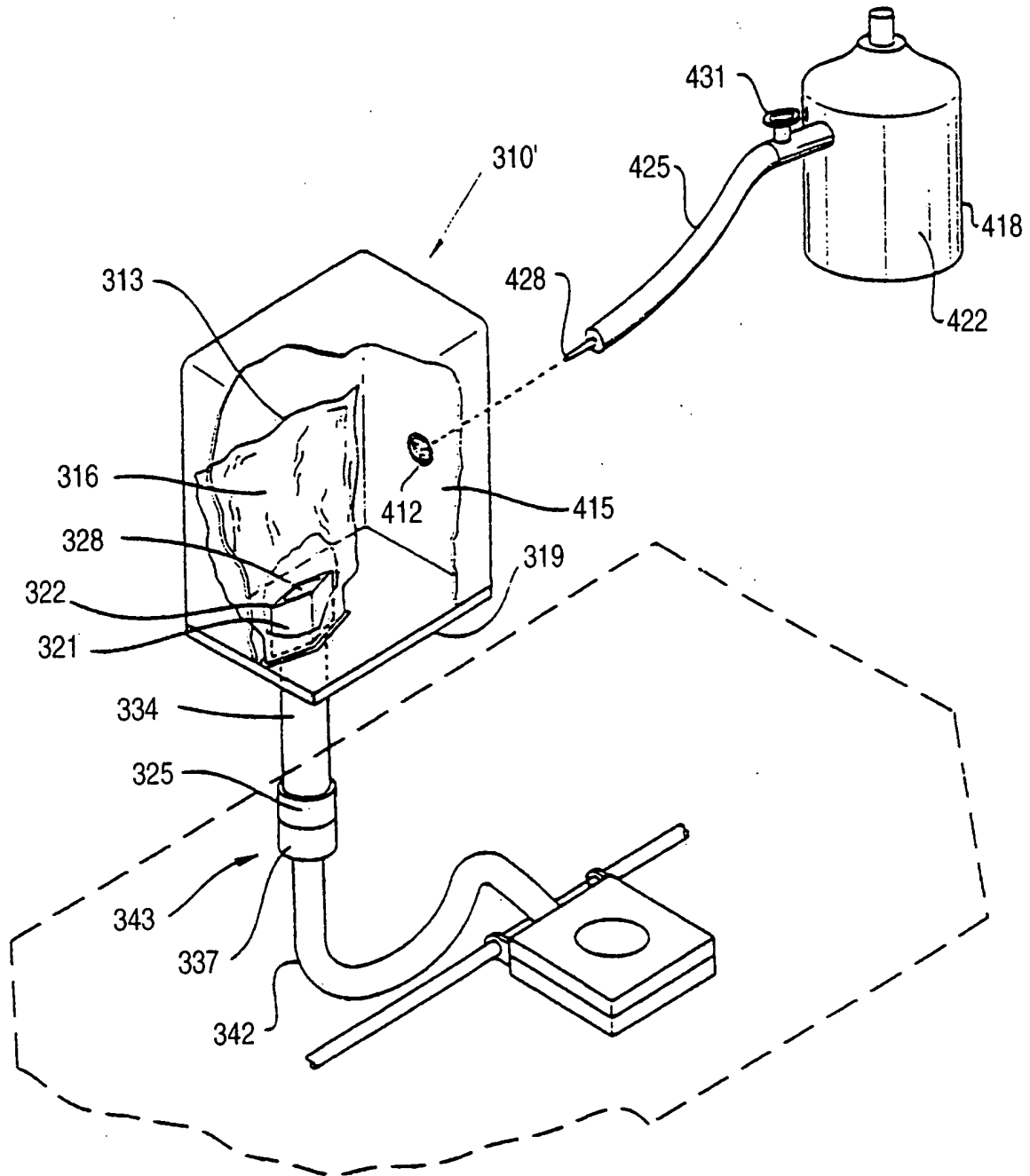


FIG. 1B

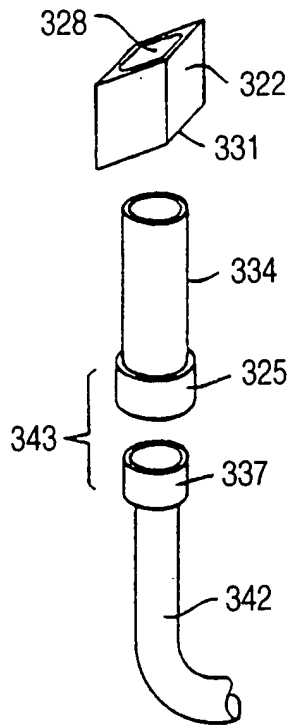


FIG. 2A

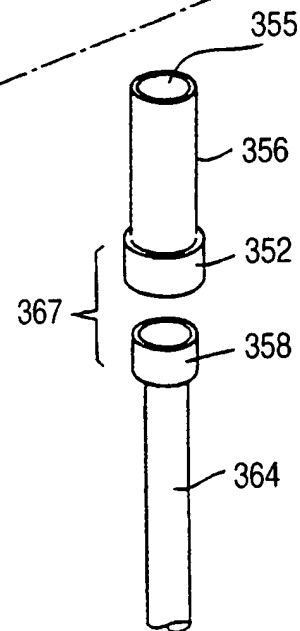
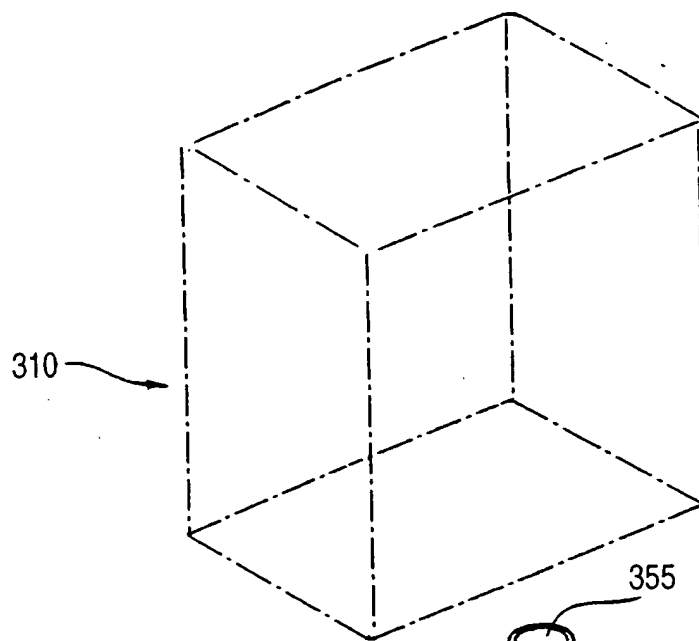


FIG. 2B

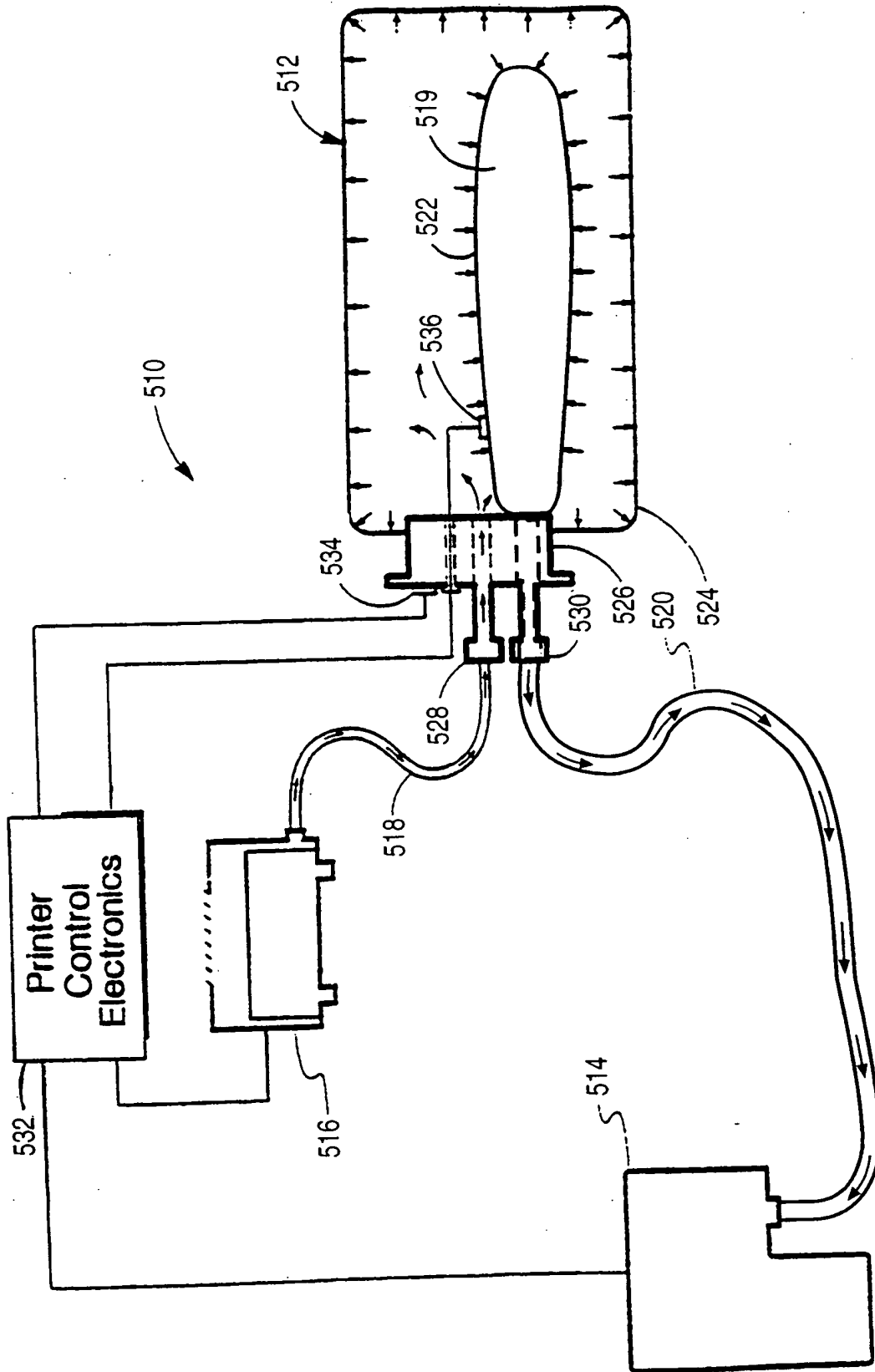


FIG. 3

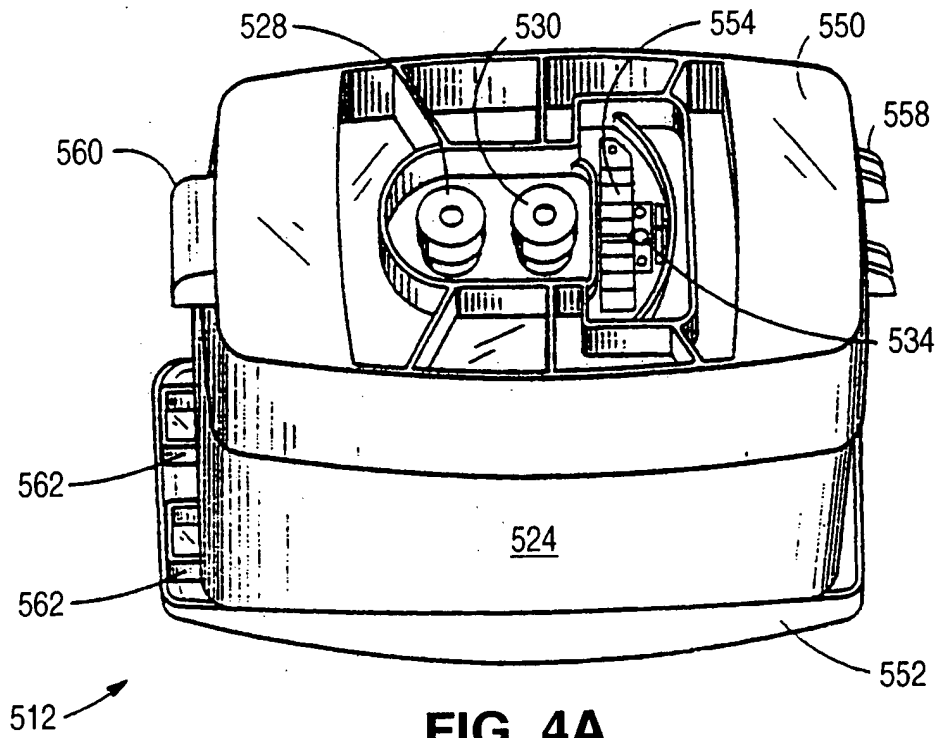


FIG. 4A

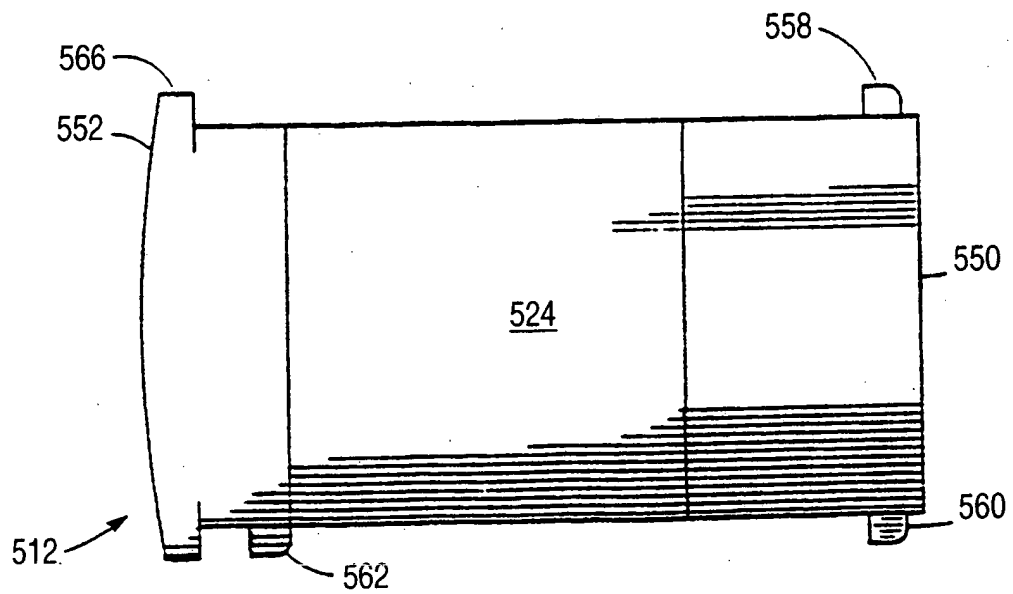
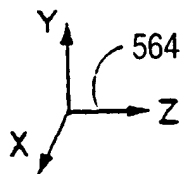


FIG. 4B



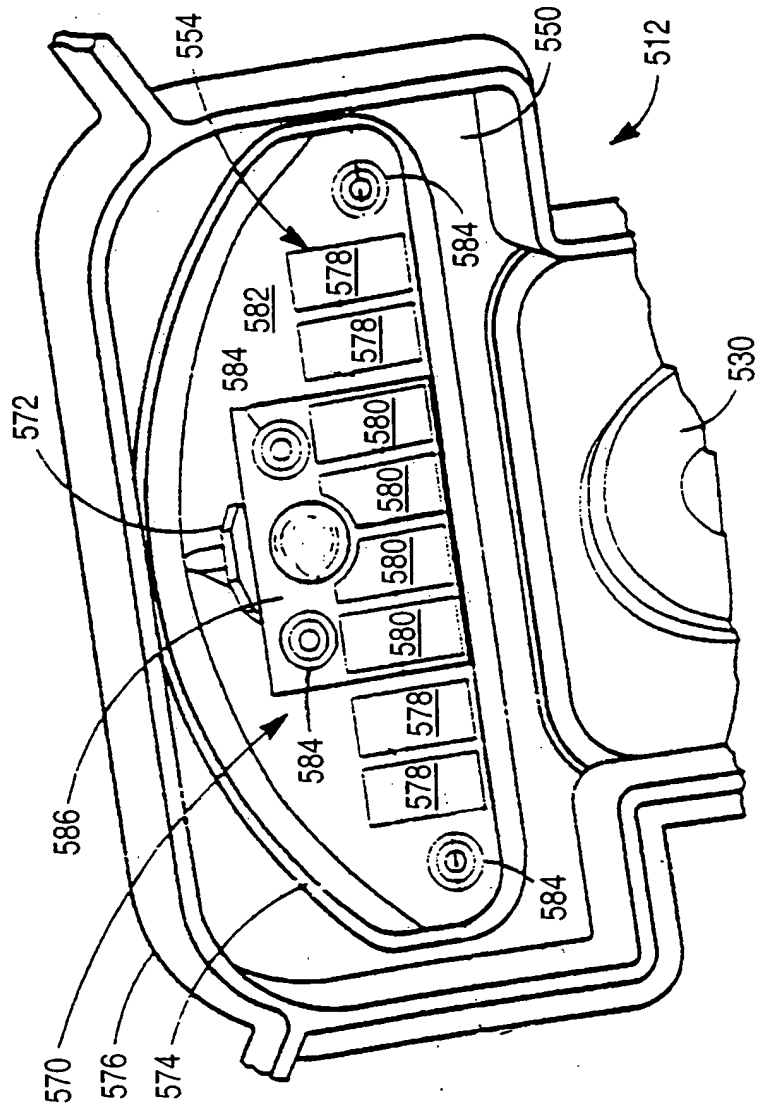


FIG. 4C

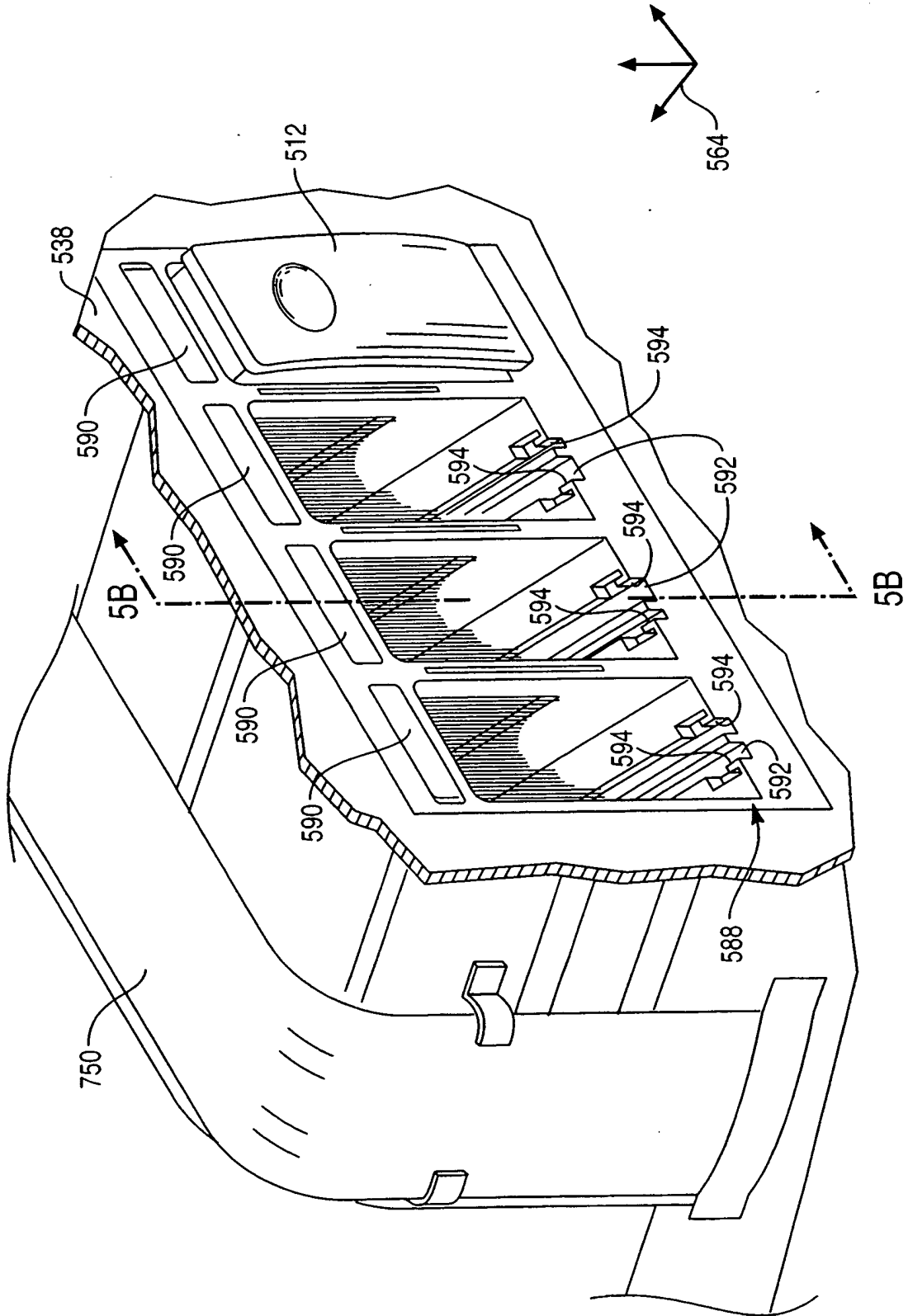
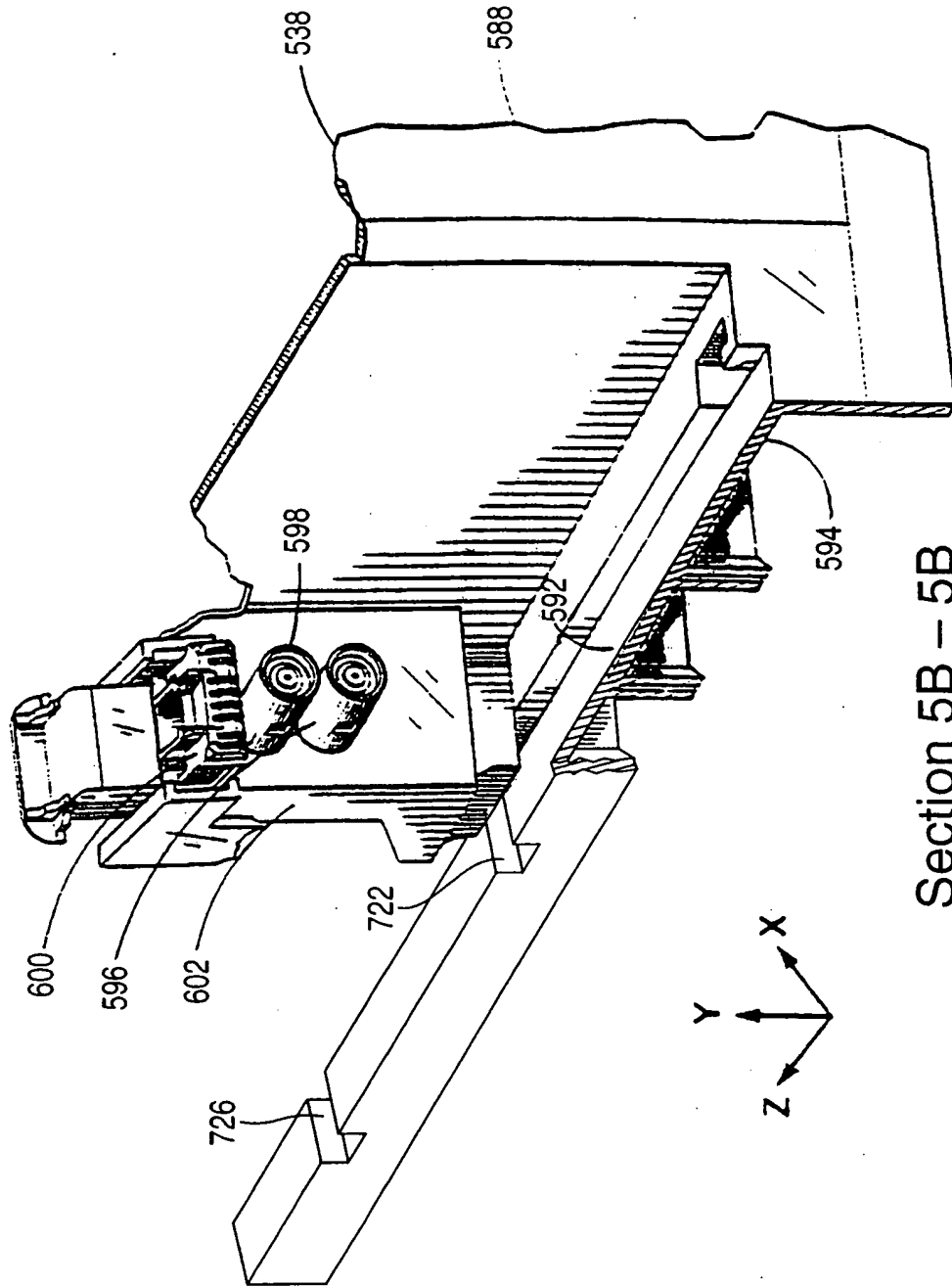


FIG. 5A



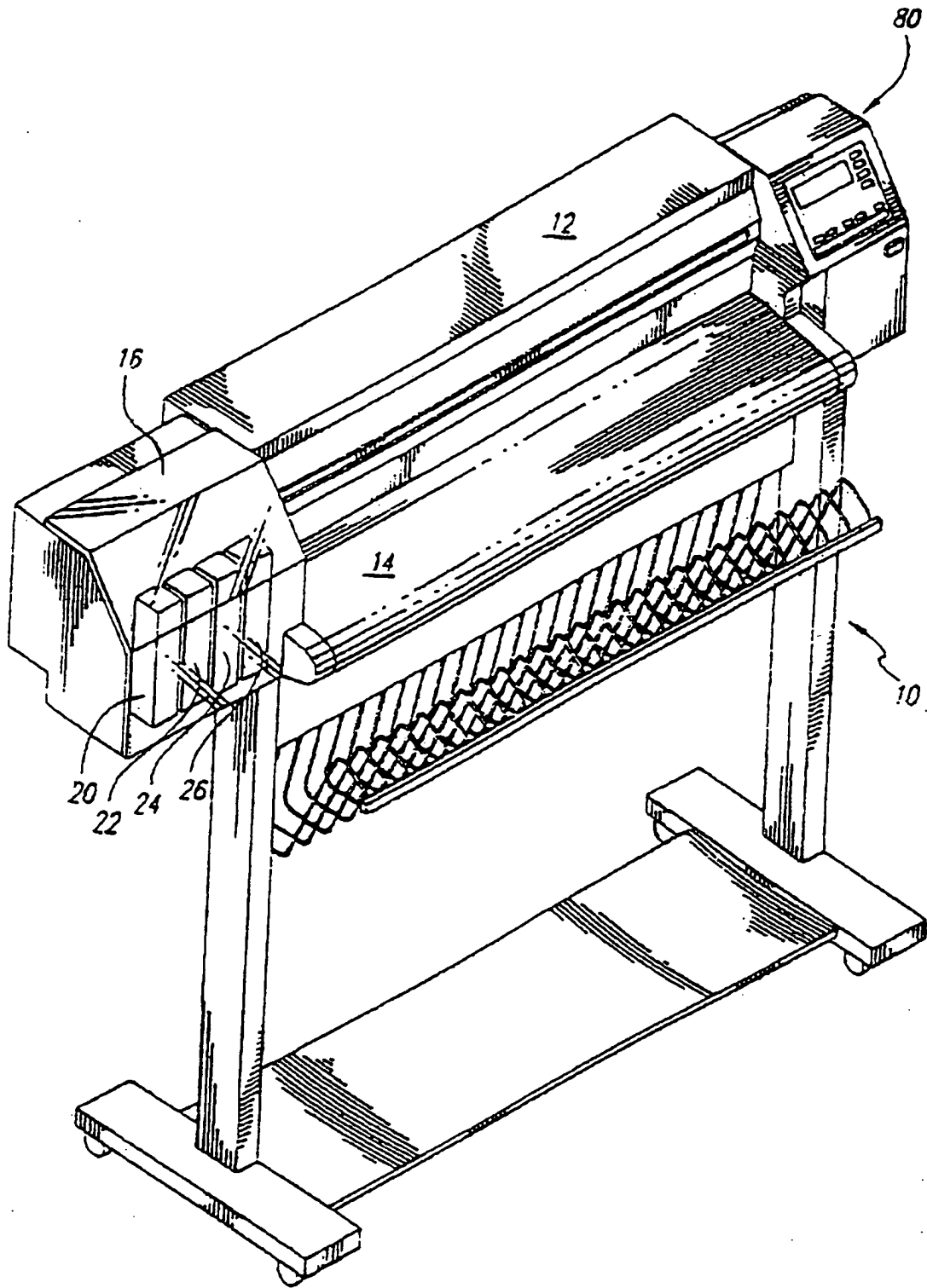


FIG. 6A

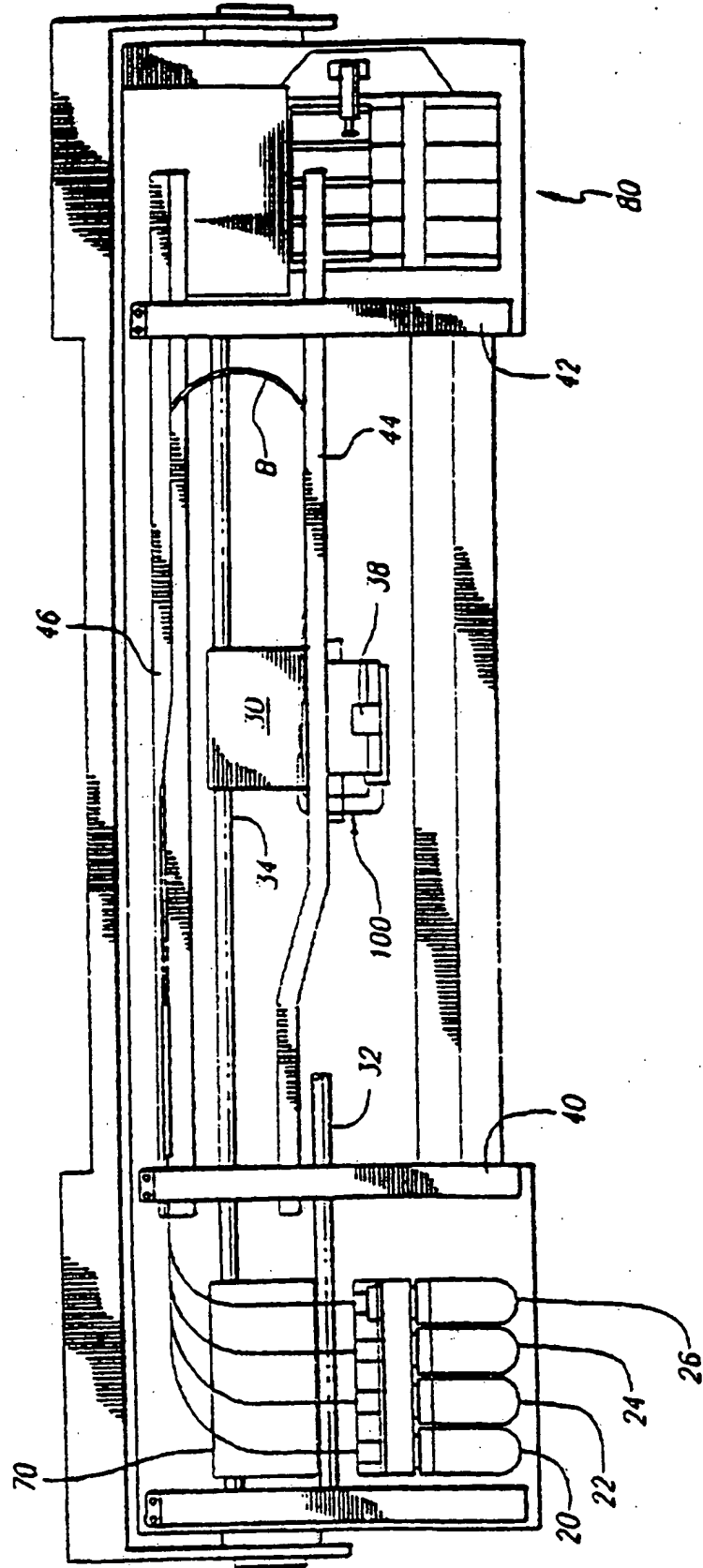


FIG. 6B

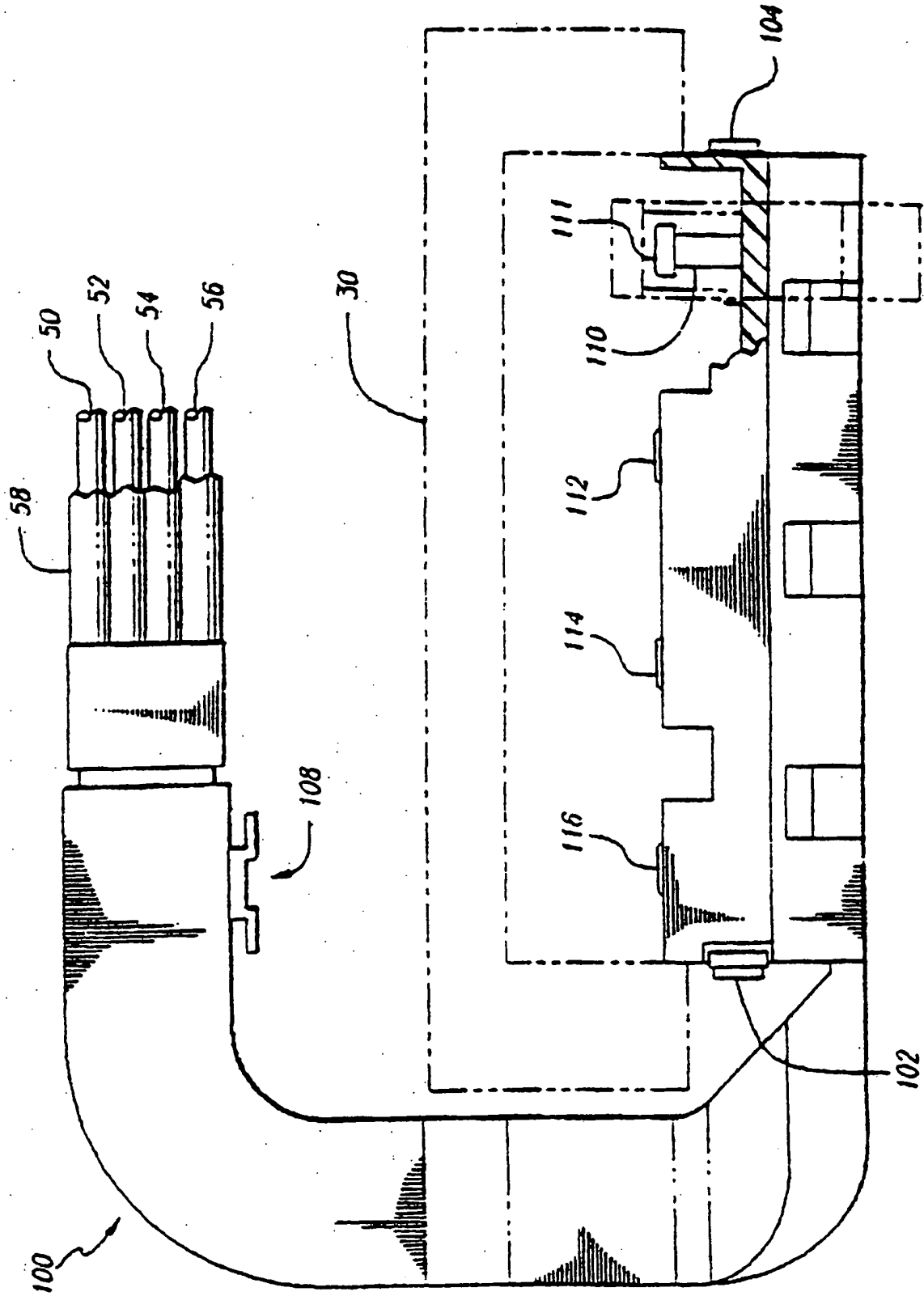


FIG. 7A

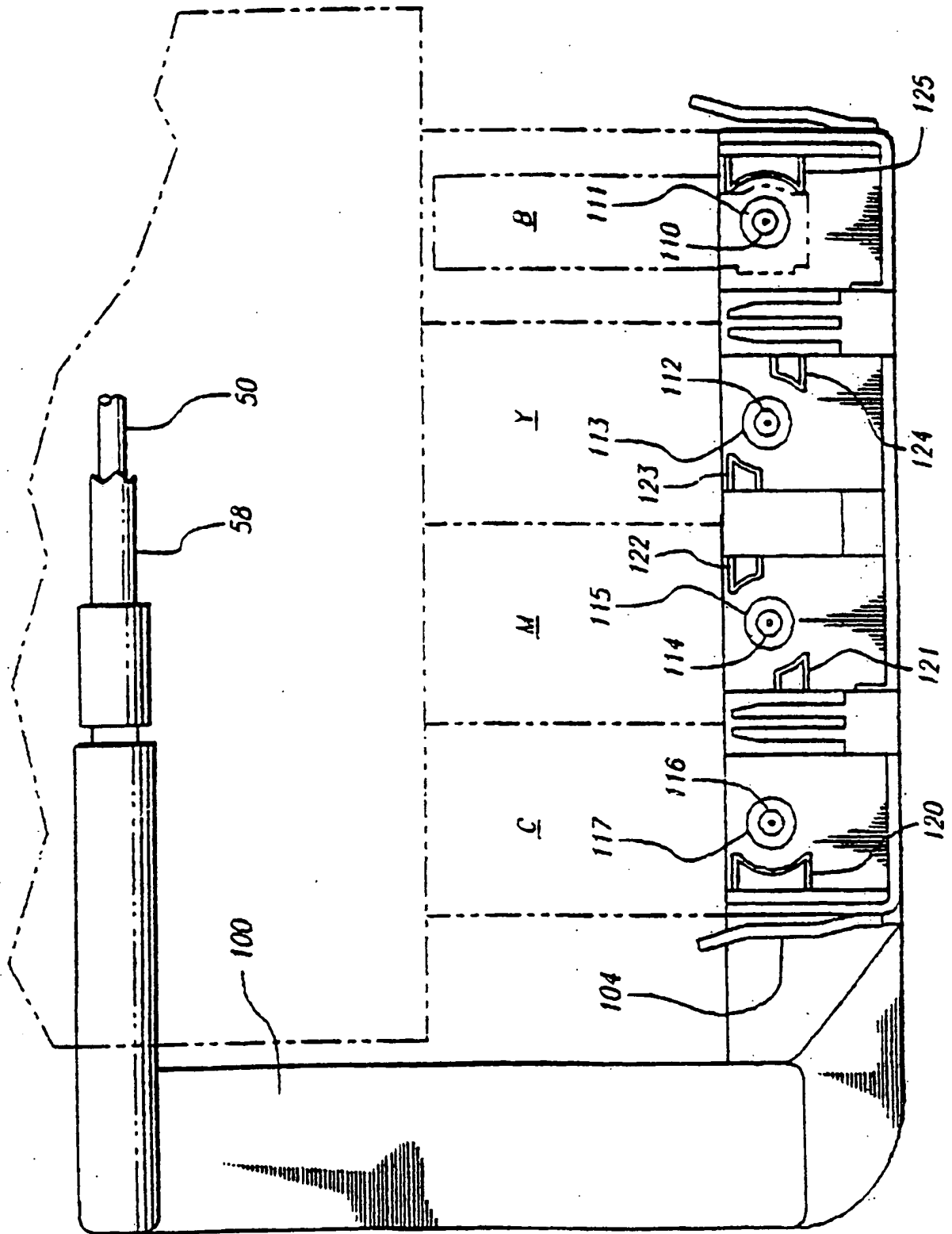


FIG. 7B

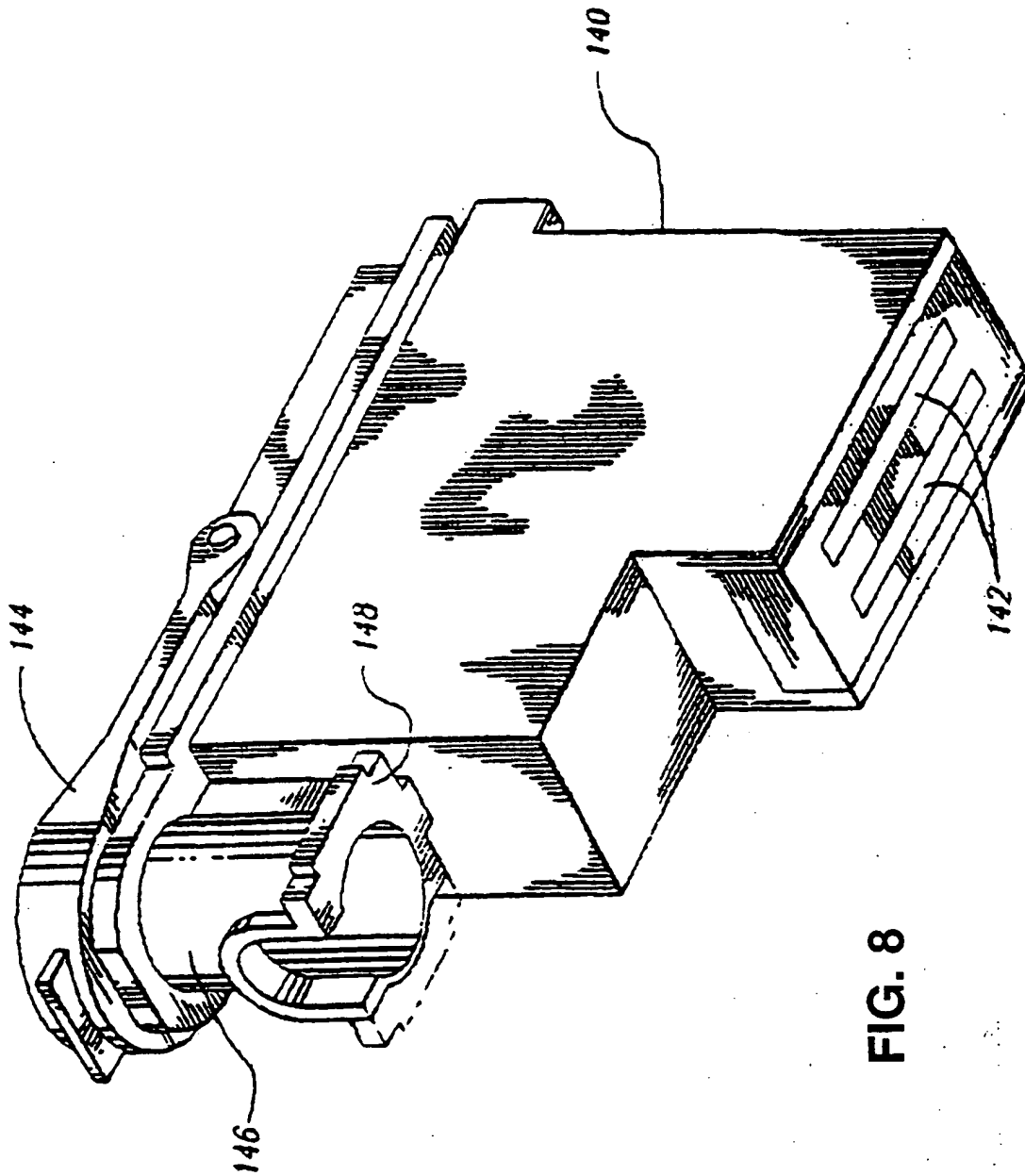


FIG. 8

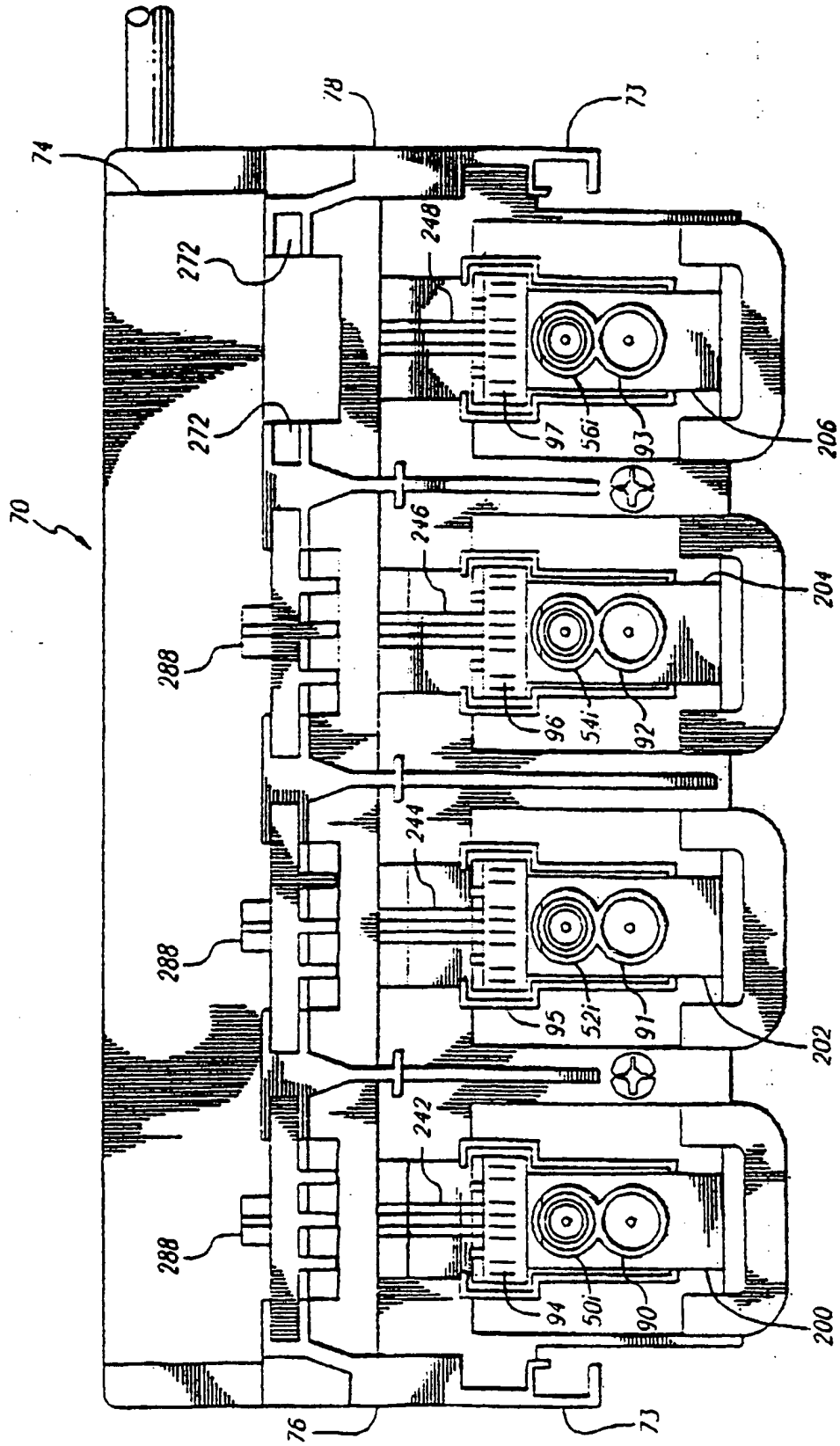


FIG. 9

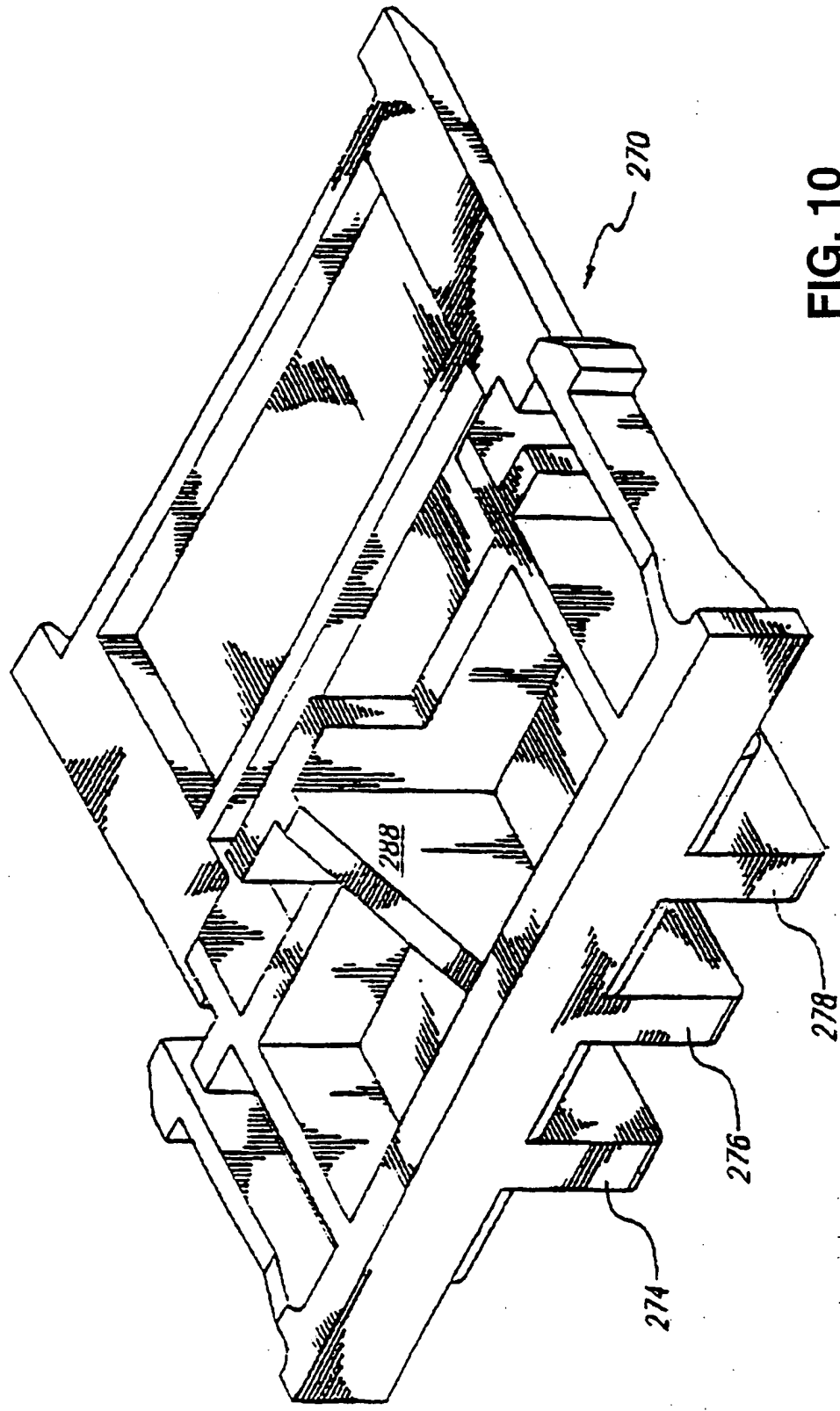


FIG. 10 is a perspective view of a multi-layered, rectangular frame assembly. The assembly consists of several parallel rectangular frames stacked on top of each other. The top frame is labeled 270. The middle frame is labeled 277. The bottom frame is labeled 278. The assembly is supported by a base structure labeled 274. The base structure has several rectangular protrusions labeled 276 and 278. The entire assembly is shown in a perspective view, highlighting the three-dimensional structure and the alignment of the frames.

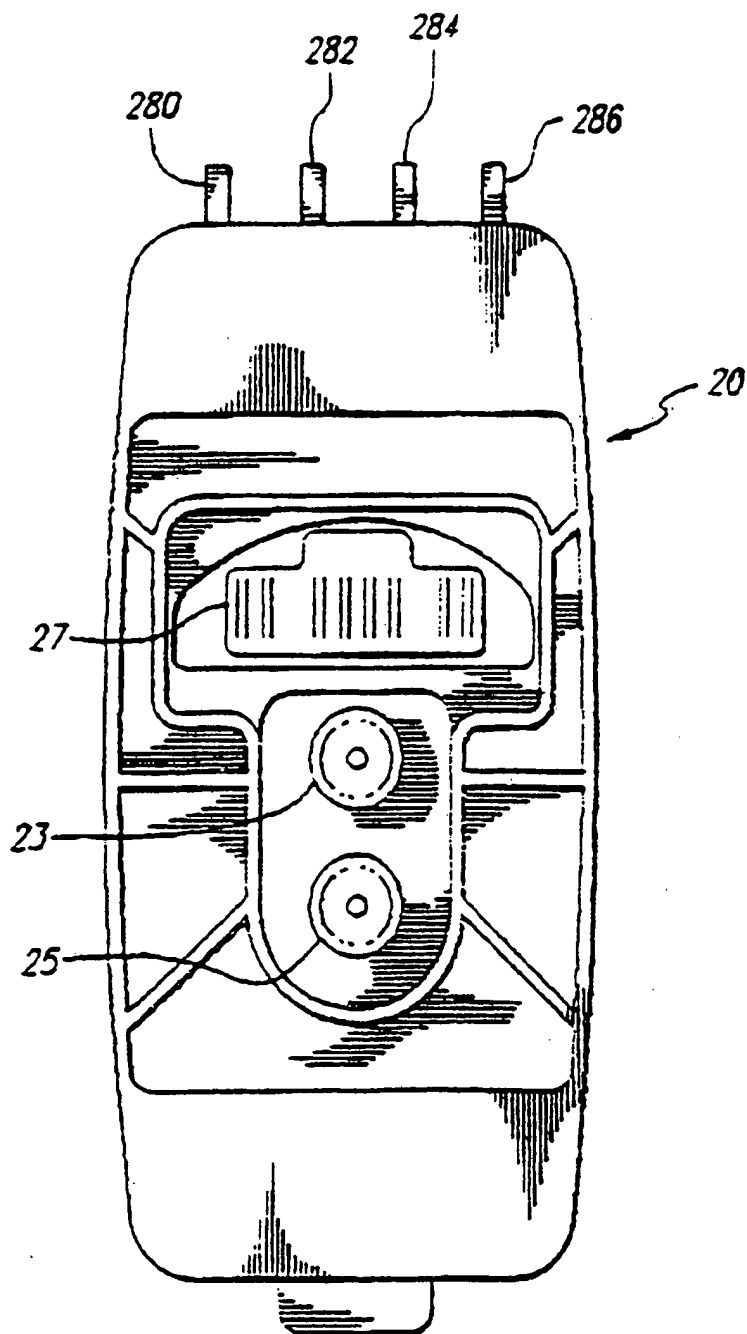


FIG. 11

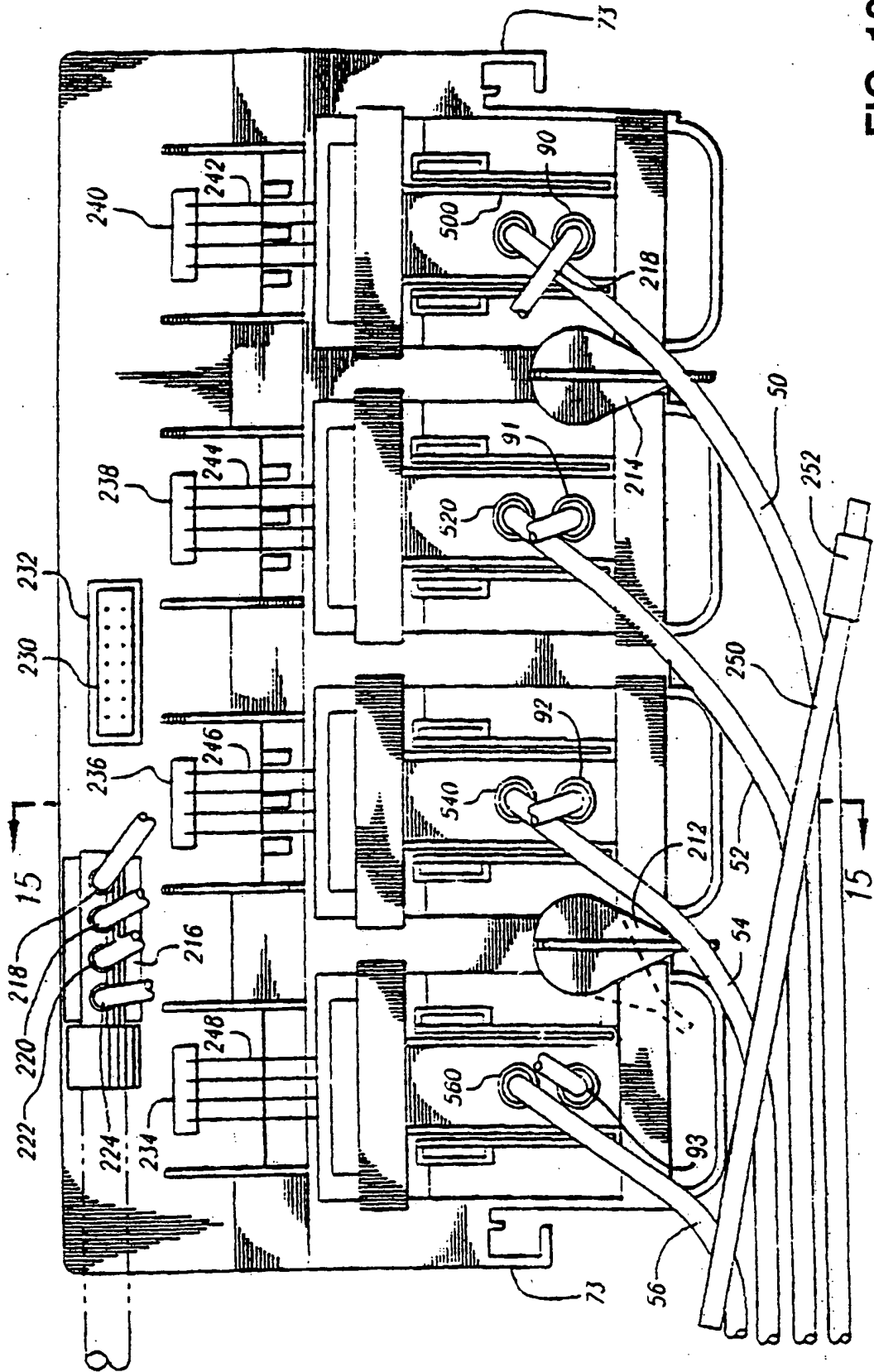


FIG. 12

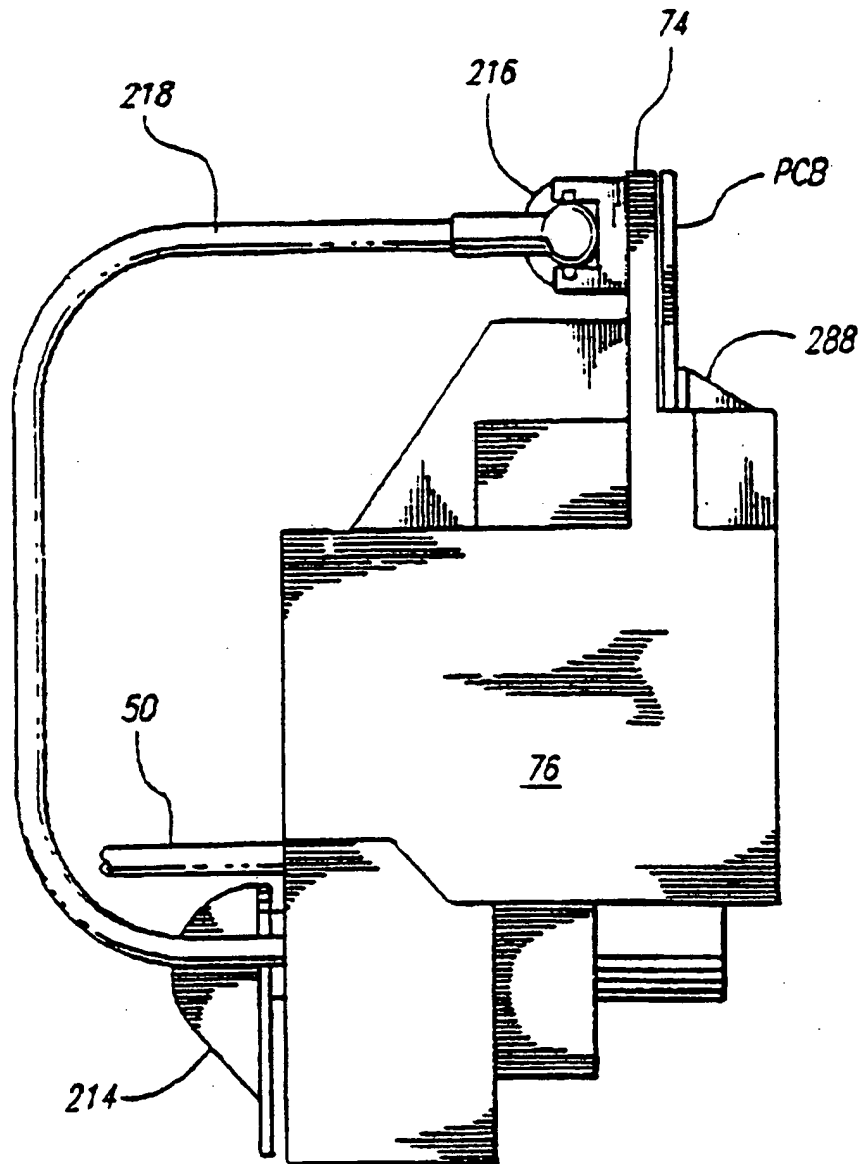


FIG. 13

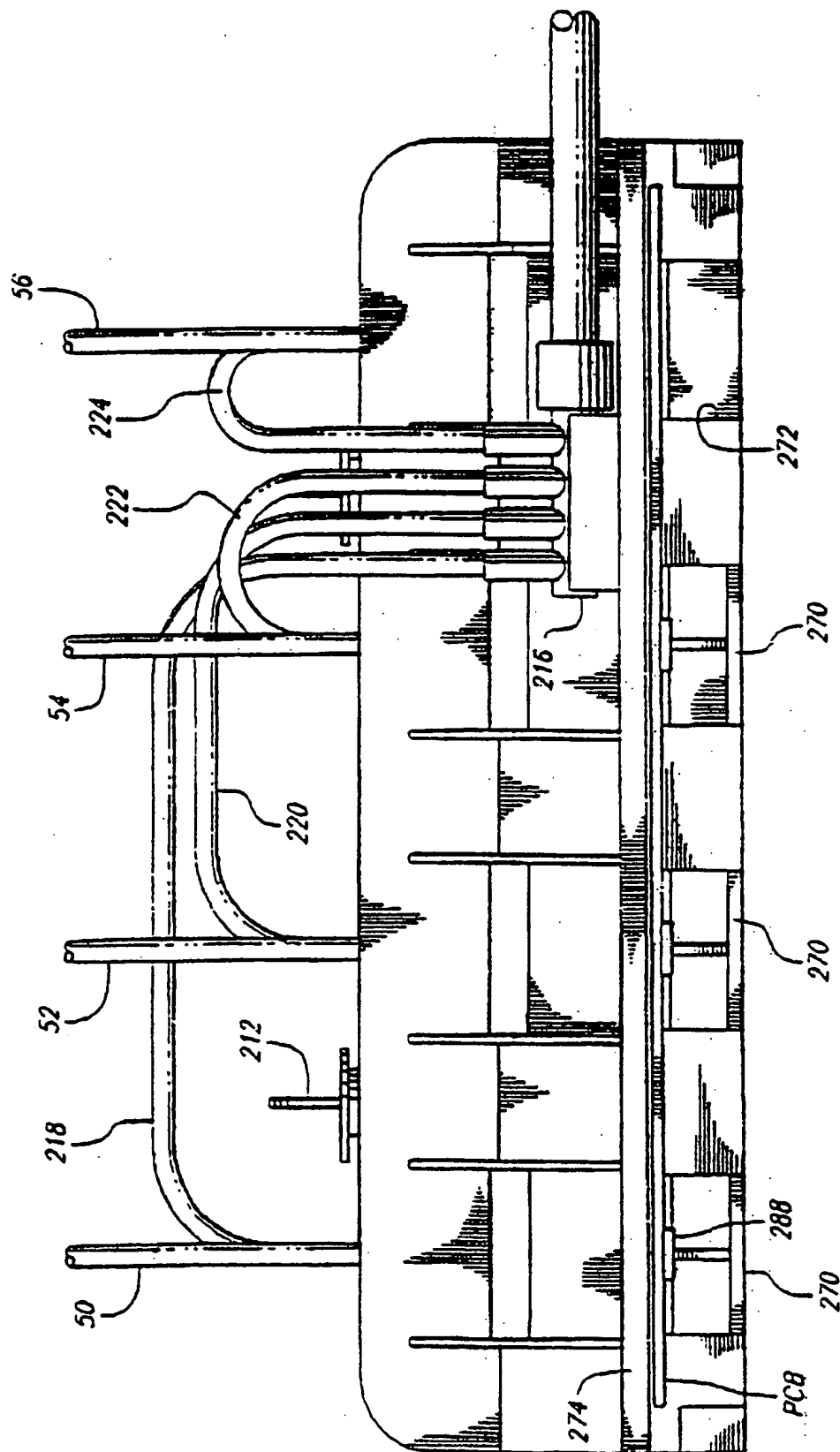


FIG. 14

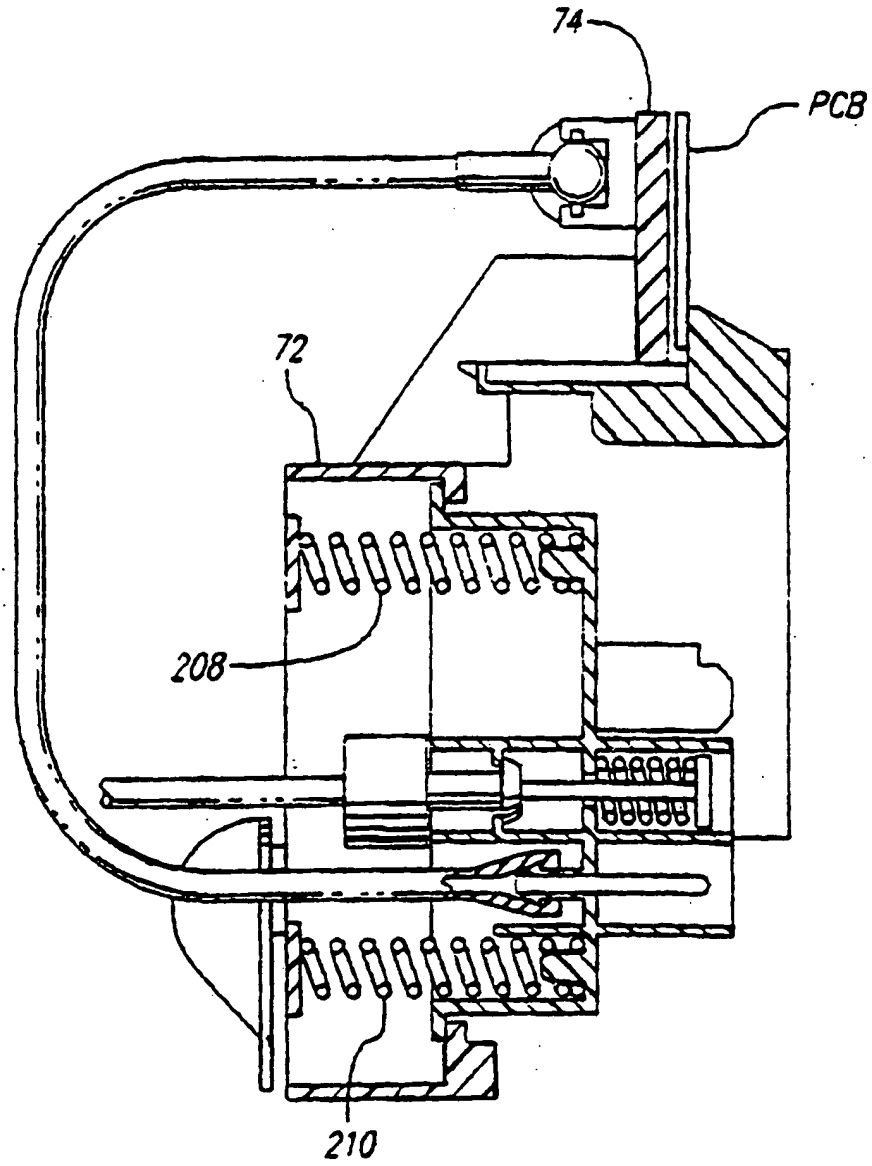


FIG. 15

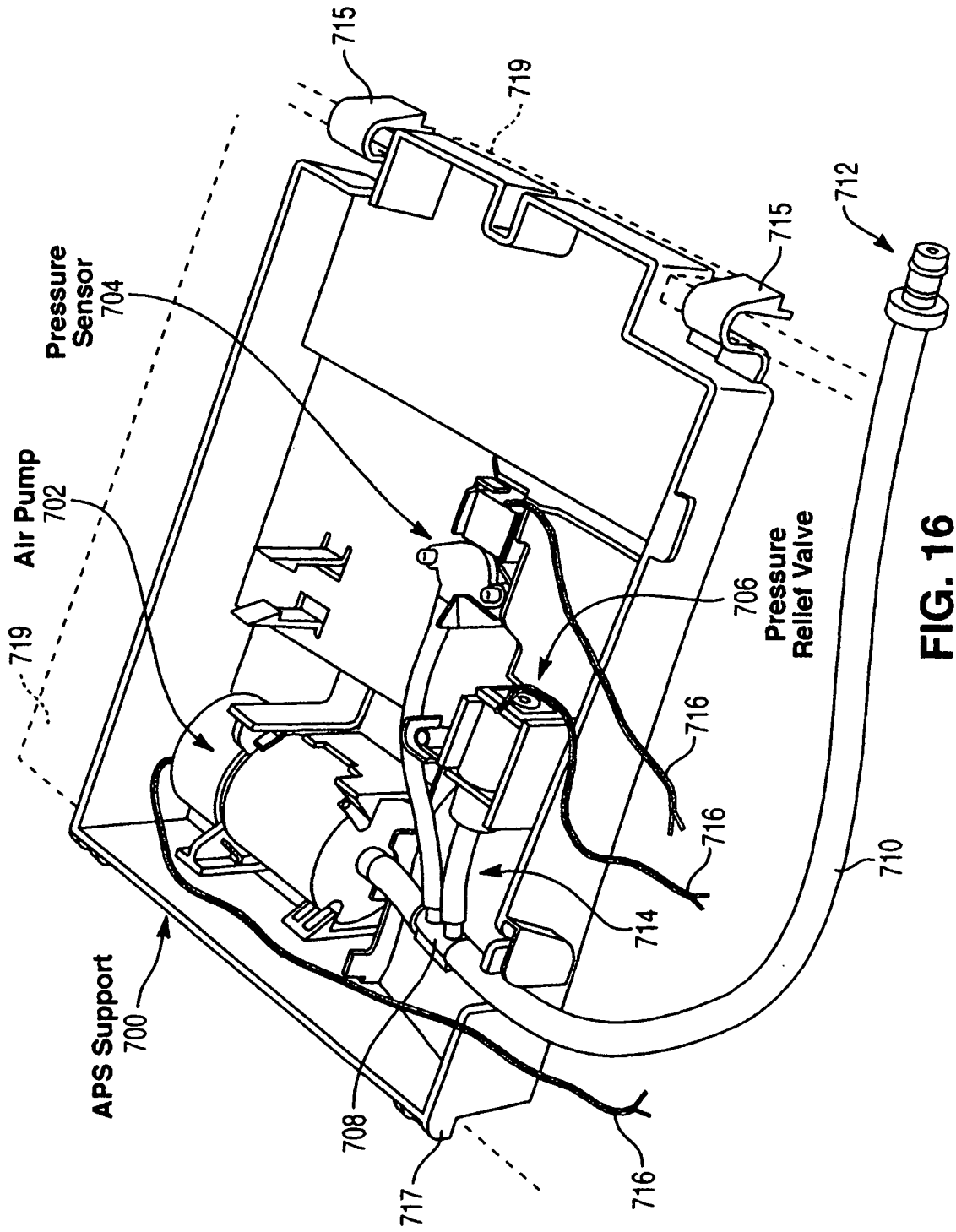


FIG. 16

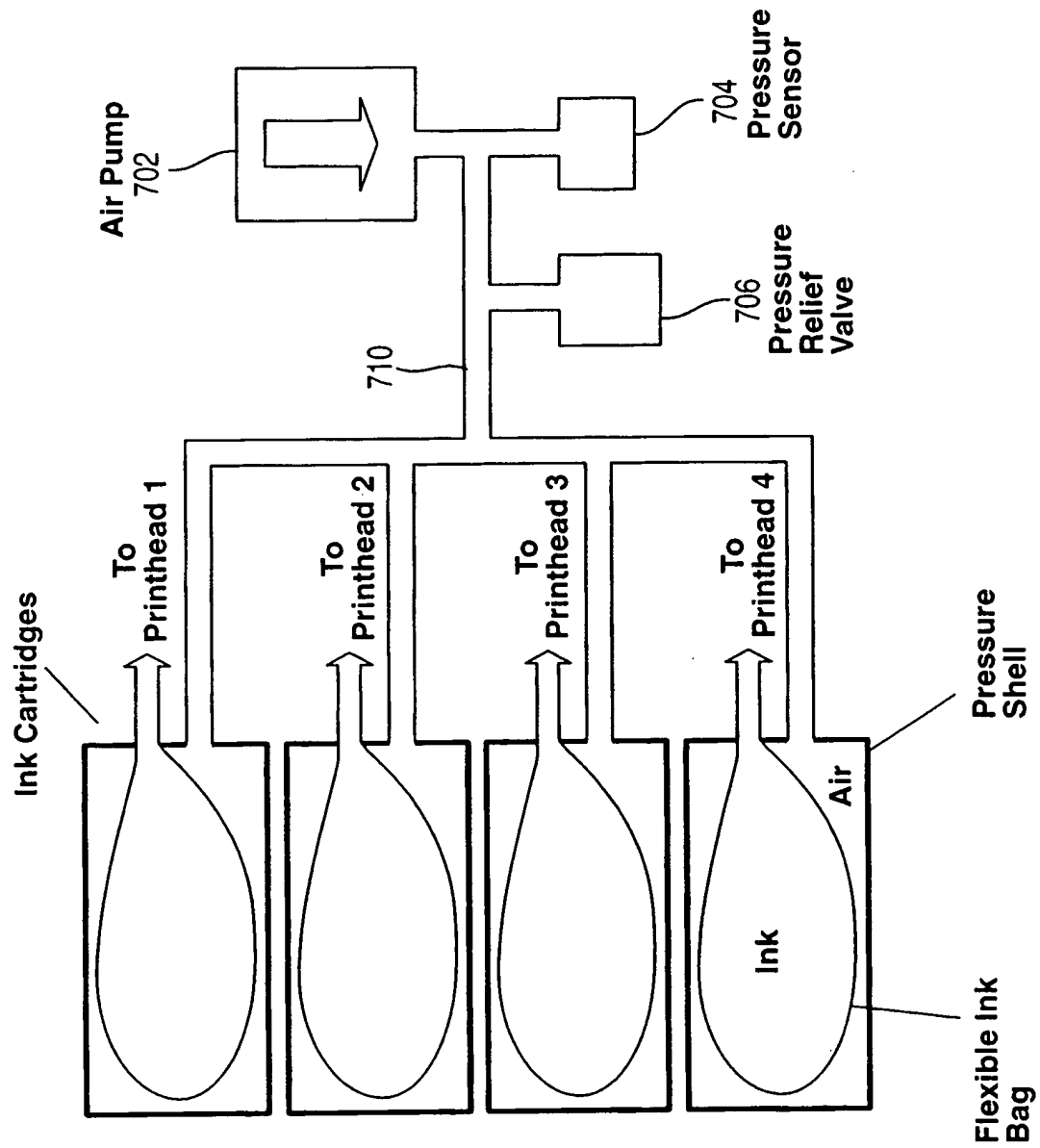


FIG. 17

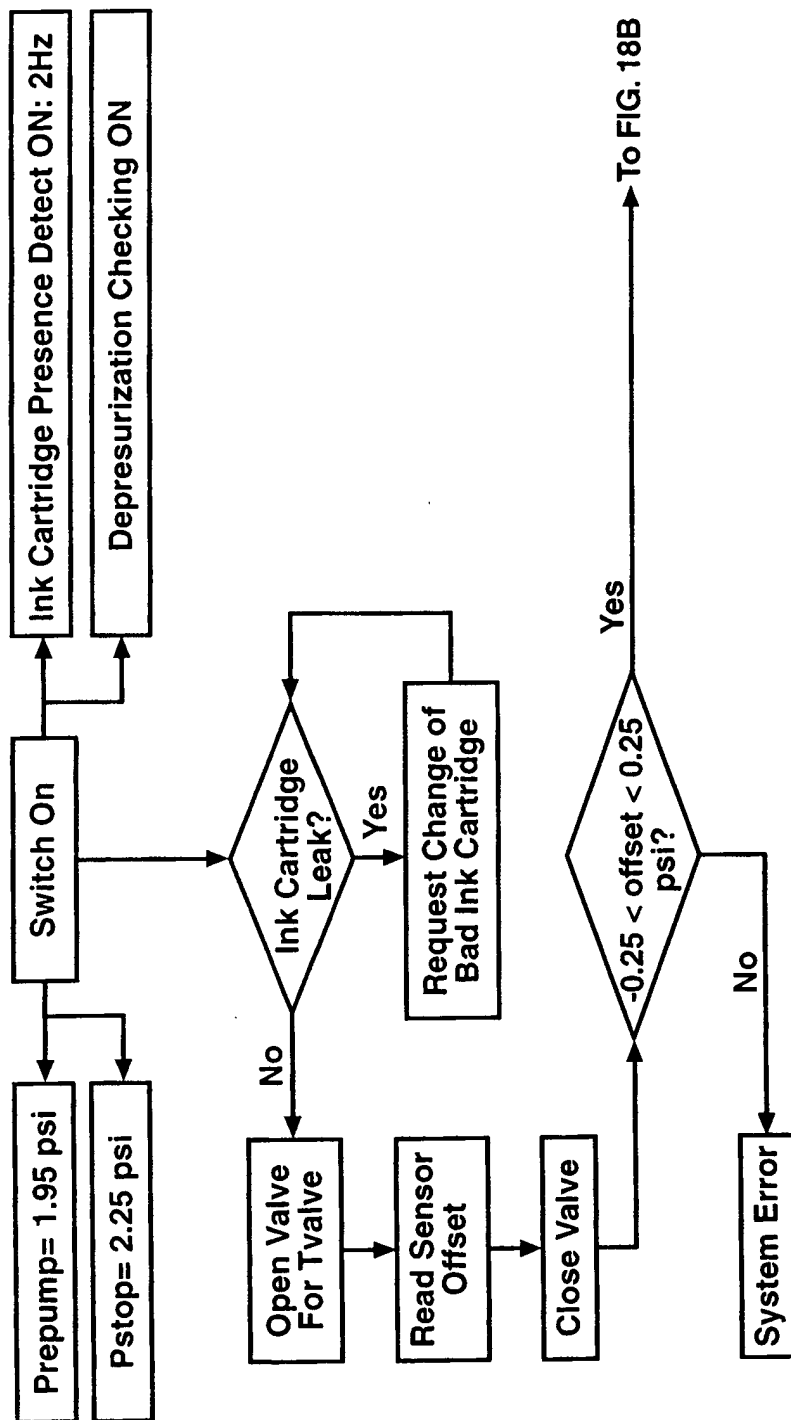


FIG. 18A

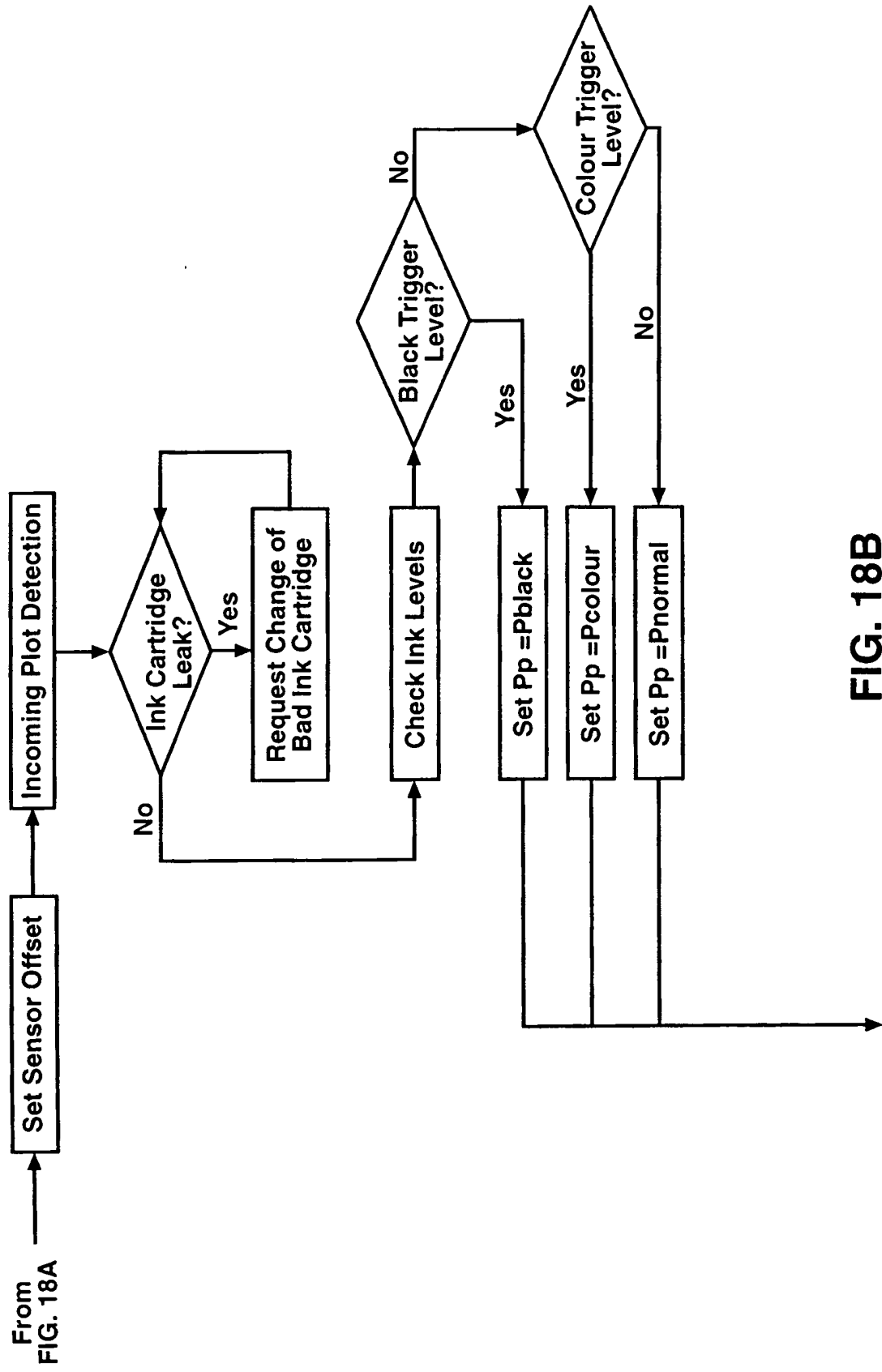
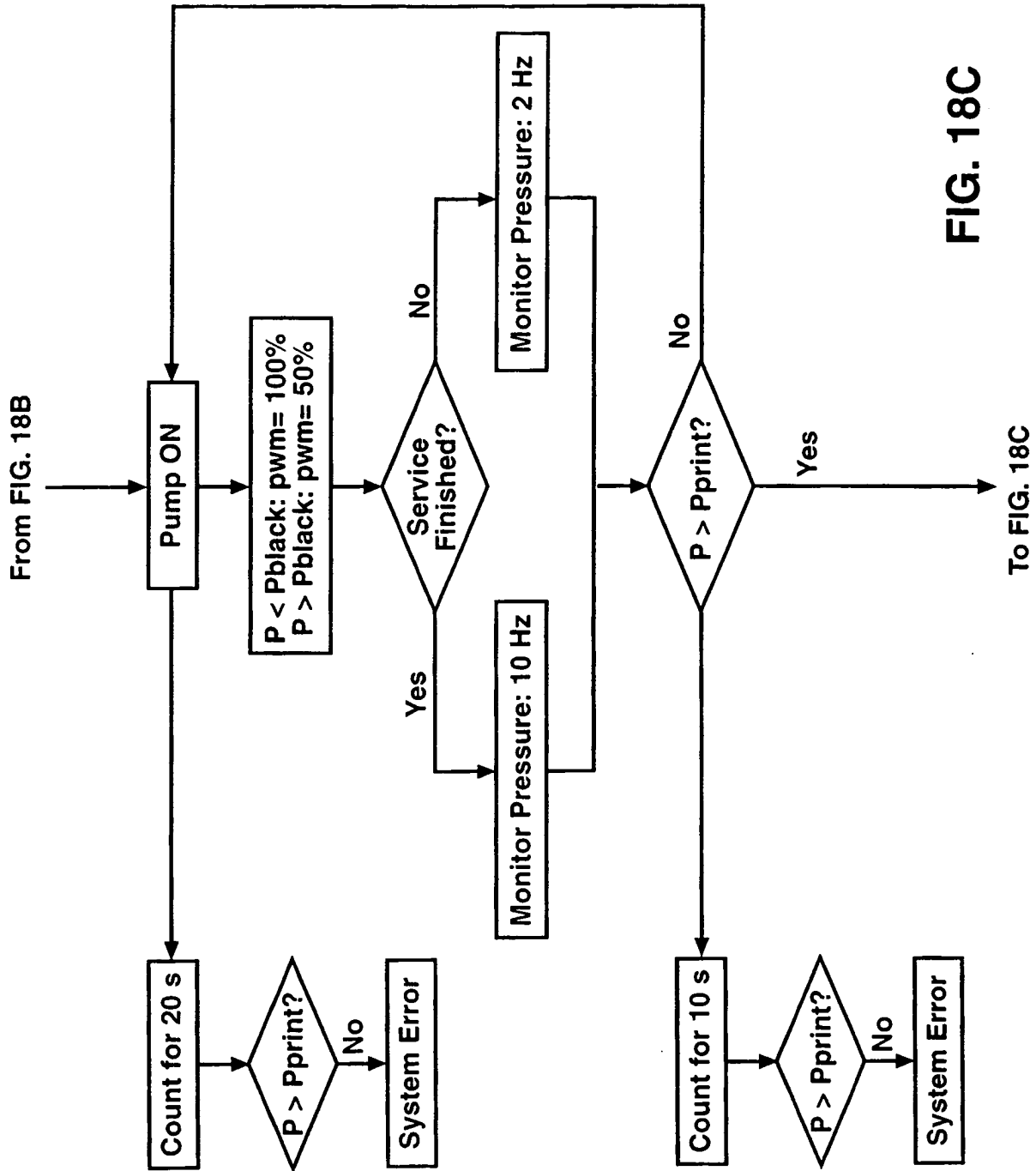
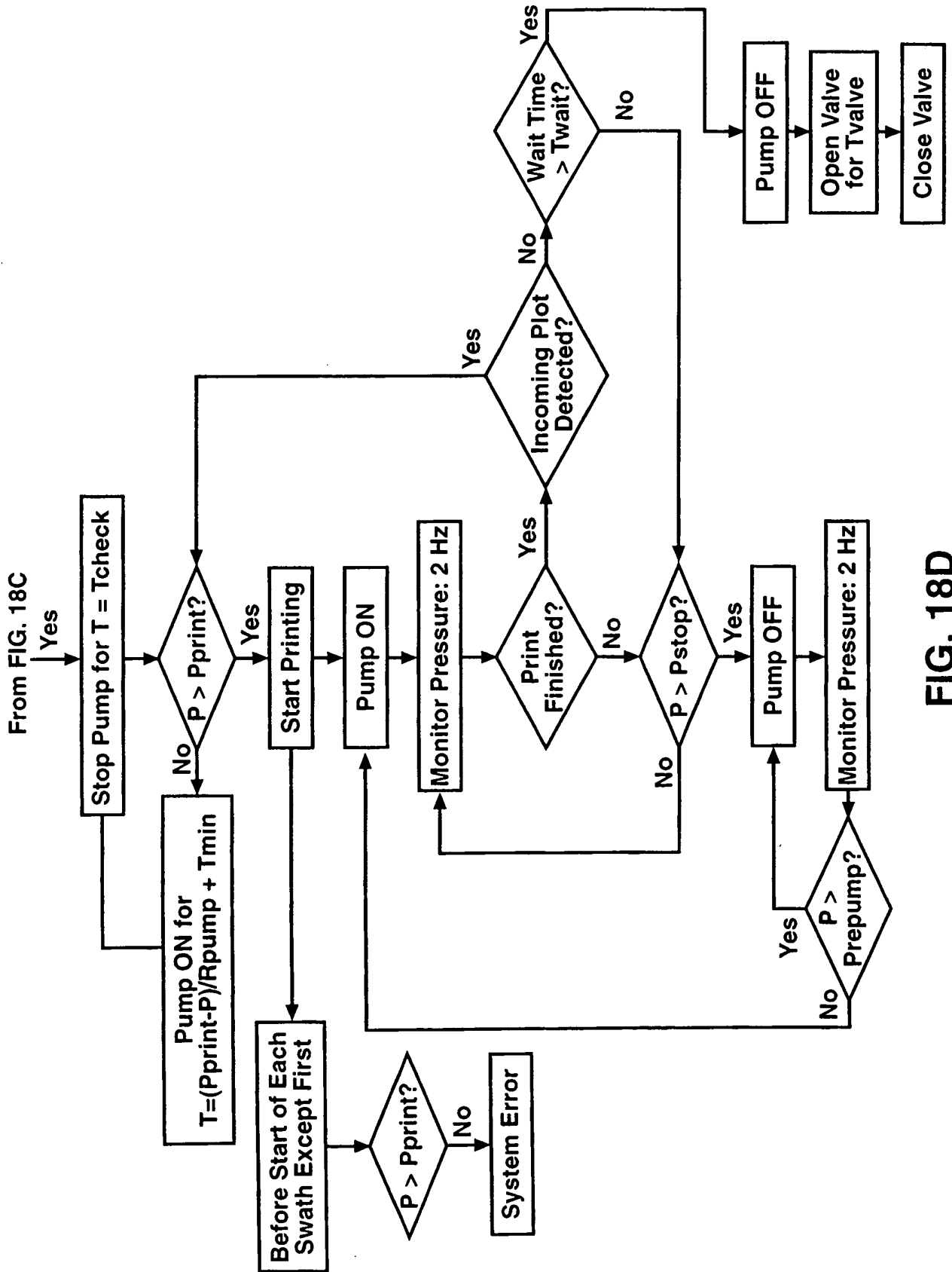


FIG. 18B





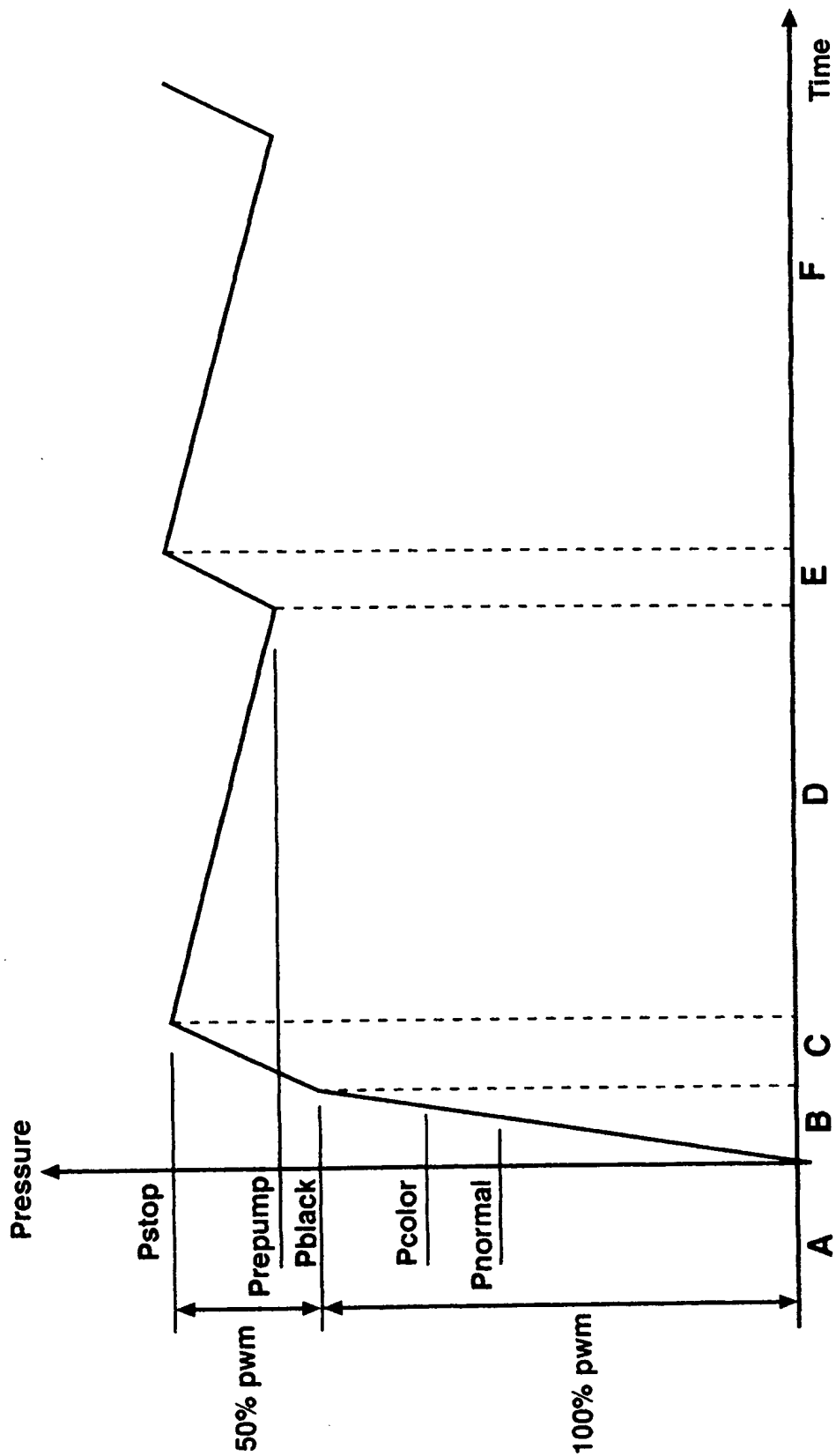


FIG. 19

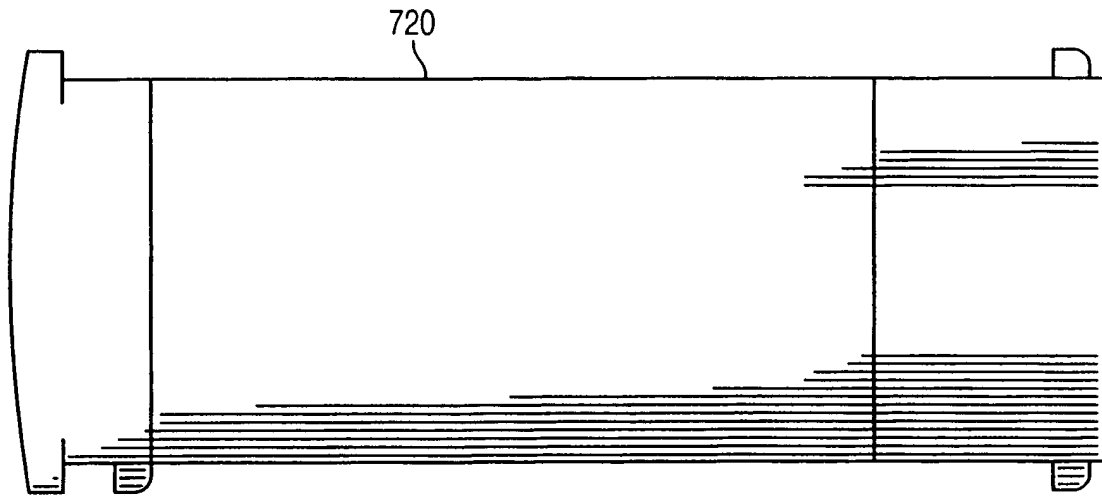


FIG. 20B

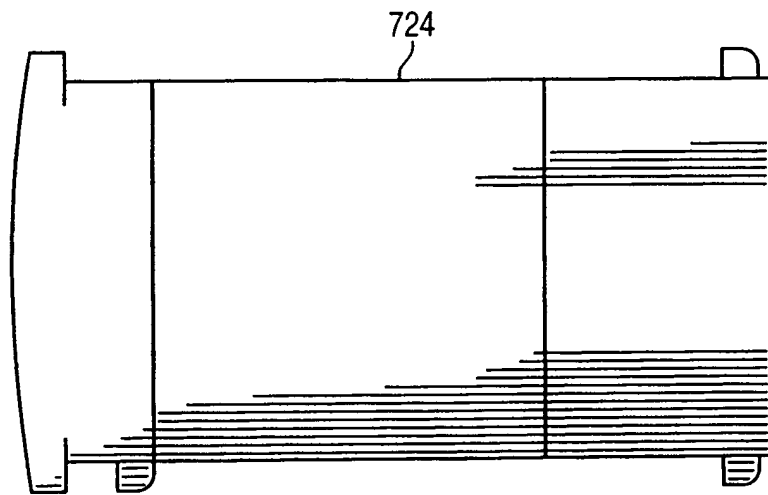
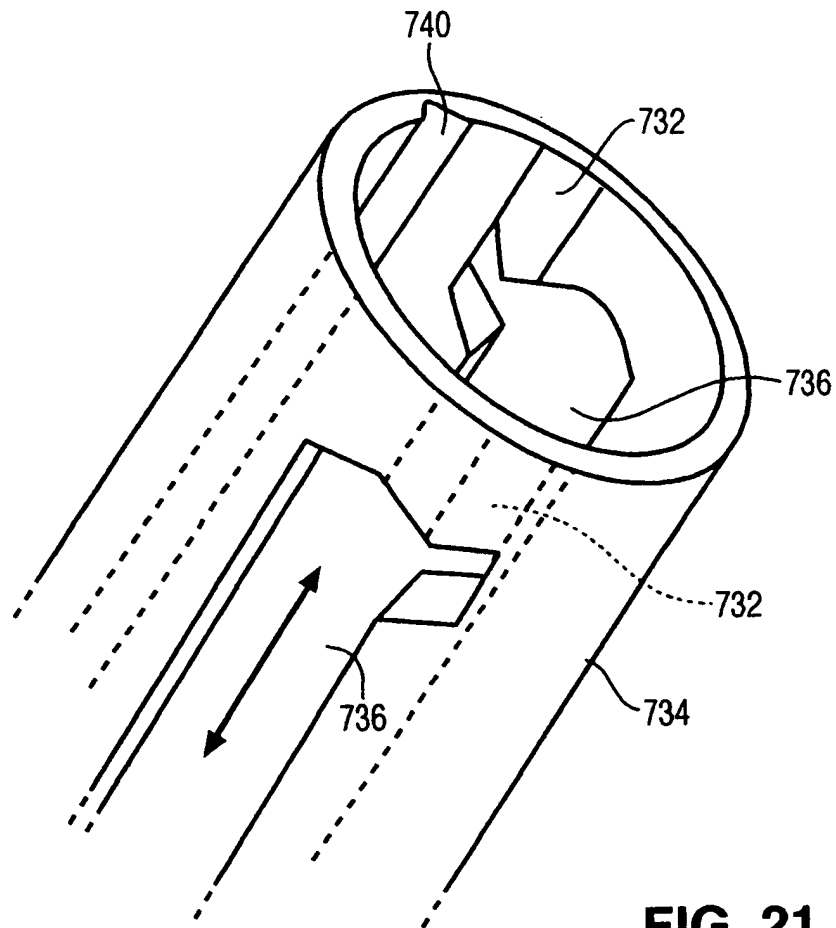
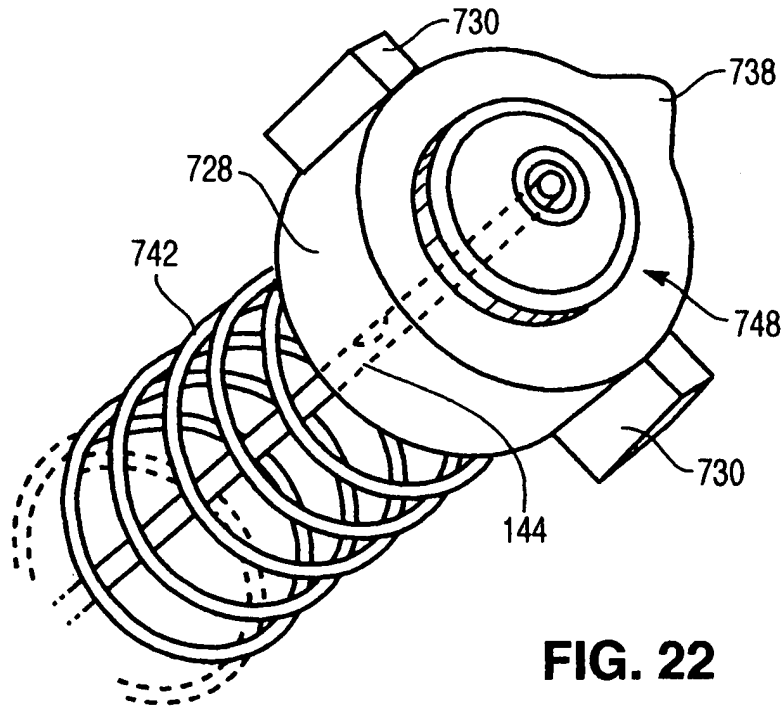


FIG. 20A



Operating Mode	Pressure Relief Valve	Approximate Air Pressure
System Error	Open	Zero
New Ink System Installed— Air Purge From Ink Tubes	Open Δ /Closed	1.5 psi
Prime Printheads With Positive Ink Pressure	Open Δ /Closed	.2 psi
Replace Printhead	Open	Zero
Replace Ink Cartridge	Open	Zero
Normal Printing	Closed	2.5 psi
Overnight Non—use	Open	Zero

FIG. 23